

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 0013		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY RTPPOD US Environmental Protection Agency 109 T.W. Alexander Drive Mail Code: E105-02 Research Triangle Park NC 27709		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) INDUSTRIAL ECONOMICS, INCORPORATED 2067 MASS AVE STE 4 CAMBRIDGE MA 021401340		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 007977887		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-D-14-032	
				10B. DATED (SEE ITEM 13) 09/12/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase:

\$215,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause; Clause G.4 Contract Administration Representatives

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 007977887

"Benefits and Other Relevant Analyses and Methods Development for Evaluation of Air Pollution Control Policies."

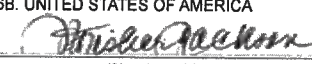
Max Expire Date: 09/15/2019

The purpose of this modification is as follows:

- 1) Incrementally fund option period I in the amount of \$215,000
- 2) Exercise 2 optional increments
- 3) Increase of LOE for Subcontractor

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Natalia Fisher-Jackson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 06/28/2016

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-D-14-032/0013

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NAME OF OFFEROR OR CONTRACTOR
INDUSTRIAL ECONOMICS, INCORPORATED

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$1,901,228.59</p> <p>New Total Amount for this Award: \$9,735,887.33</p> <p>Obligated Amount for this Modification:</p> <p>\$215,000.00</p> <p>New Total Obligated Amount for this Award:</p> <p>\$1,222,377.33</p> <p>Incremental Funded Amount changed: from</p> <p>\$0.00 to \$1,222,377.33</p> <p>CHANGES FOR LINE ITEM NUMBER: 2</p> <p>Total Amount changed</p> <p>from \$992,717.24 to \$1,219,845.06</p> <p>Obligated Amount for this modification:</p> <p>\$215,000.00</p> <p>Incremental Funded Amount changed from</p> <p>\$823,165.07 to \$1,038,165.07</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>16-17-B-58F3-101A46-2505-1658FC6172-001</p> <p>Beginning FiscalYear 16</p> <p>Ending Fiscal Year 17</p> <p>Fund (Appropriation) B</p> <p>Budget Organization 58F3</p> <p>Program (PRC) 101A46</p> <p>Budget (BOC) 2505</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 1658FC6172-001</p> <p>Quantity: 0</p> <p>Amount: \$190,000.00</p> <p>Percent: 19.13939</p> <p>Subject To Funding: N</p> <p>Payment Address:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>16-17-B-53I6-102A58-2505-1653IP6018-001</p> <p>Beginning FiscalYear 16</p> <p>Ending Fiscal Year 17</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-D-14-032/0013

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NAME OF OFFEROR OR CONTRACTOR
INDUSTRIAL ECONOMICS, INCORPORATED

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Fund (Appropriation) B Budget Organization 53I6 Program (PRC) 102A58 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1653IP6018-001 Quantity: 0 Amount: \$25,000.00 Percent: 2.51834 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 CHANGES FOR LINE ITEM NUMBER: 20003 Quantity changed from 8000 to 6000 CHANGES FOR LINE ITEM NUMBER: 20002 Total Amount changed from \$908,511.35 to \$681,383.53 CHANGES FOR LINE ITEM NUMBER: 20001 Quantity changed from 8500 to 10500 Delivery Location Code: OAR/OAQPS OAR/OAQPS US Environmental Protection Agency Mail Code: C404-04 109 T.W. Alexander Drive Durham NC 27711 USA Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination				

1. The Section B Clauses entitled: B.1 "LEVEL OF EFFORT – COST REIMBURSEMENT TERM CONTRACT" EPAAR 1552.211-73; B.3 "ESTIMATED COST AND FIXED FEE "(EP 52.216-190) (APR 1984) and B.4 "LIMITATION OF FUNDS NOTICE" (EP 52.232-100) (APR 1984) are modified and combined in the "CLAUSE RECAPITULATION"

The text is as follows:

LIMITATION OF FUNDS NOTICE /RECAPITULATION In accordance with the "Limitation of Funds" Clause, additional funding is being provided for **BASE PERIOD and option period I** by this modification. The "Limitation of Funds Notice" Clause of the contract is modified as follows to reflect the current amounts allotted for cost and fee and the periods for which the funding is estimated to cover:

Base Period	Prior Amount	This Mod	New Amount
Estimated Cost	\$ [REDACTED]		\$ [REDACTED]
Fixed Fee	\$ [REDACTED]		\$ [REDACTED]
Cost Plus Fixed Fee	\$ 746,746.76		\$ 746,746.76
Allotted Cost	\$ [REDACTED]	\$ -	\$ [REDACTED]
Reserved for Fee	\$ [REDACTED]	\$ -	\$ [REDACTED]
Limitation of Funds	\$ 184,212.26	\$ -	\$ 184,212.26
Option Period	Prior Amount	This Mod	New Amount
Estimated Cost	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Fixed Fee	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Cost Plus Fixed Fee	\$ 992,717.24	\$ 227,127.82	\$ 1,219,845.06
Allotted Cost	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Reserved for Fee	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
Limitation of Funds	\$ 823,165.07	\$ 215,000.00	\$ 1,038,165.07

G.5 SUBCONTRACT CONSENT (EP 52.244-100) (APR 1984)

The Contractor shall submit the information required by the "Subcontracts," clause to the Contracting Officer and assigned Project Officer. The Contracting Officer will provide written notice to the Contractor of his decision.

Consent is given to issue the following subcontracts:

***NOTE: THE CONTRACTOR SHALL SUBMIT THE SUBCONTRACT AGREEMENT WITH APPROPRIATE FLOW DOWN CLAUSES AND THE NEGOTIATION MEMORANDUM TO THE CONTRACTING OFFICER BEFORE ENTERING INTO ANY WORK WITH THE BELOW LISTED SUBCONTRACTORS.**

Subcontractor	Level of Effort	Subcontract Value	Subcontract Type
	3500		CPFF
	925		T&M
	3150		CPFF
	4255		T&M
	3475		T&M
	26		T&M
	947		T&M
	116		T&M